

February 12, 1951.

Dr. M. R. Zelle,  
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Ithaca, N. Y.

Dear Max-

Thanks very much for your phone call about the reprints. Immediately afterwards, I had a purchase order written for 300 reprints with covers; I hope the discrepancies will not be too confusing. By the way, I referred to the Z&L paper in a note just accepted for J. Bact. ~~and~~ on the dominance of  $S^+$  in s/r heterozygotes; would you let me know when page proof comes through so that I can remind Sherman to complete or correct this reference in my note?

I am sorry that my application for an AEC grant was held up for so long. The Vice-President's office here sat on it a) to bid for more overhead, and b) because they did not think that the Chicago office of AEC would allow a capital purchase, such as the r-meter I asked for!

On the uv-diploids story, it is becoming clear that the kinetics of sterilization are bound to be loused up owing to the "Lwoff effect", namely the triggering of phage growth and lysis in an otherwise quiescent lysogenic bacterium. We have finally prepared some non-lysogenic diploids, together with reinfected, lysogenic diploids, so there may be some hope of clearing up this part of the story.

As to the loose ends which have accumulated so far, I am not sure what to suggest. As such, I don't think the detailed pedigrees are ready to be published, since they don't seem to make a great deal of sense. If you could get definite evidence that the diploids are throwing lethal segregants, and have some microscopic characterization of them this would be an ~~extremely pertinent~~ extremely pertinent account. There are two possibilities for a report on the pedigrees incidentally to other accounts: a) possibly as an appendix, or brief postscript note for a paper I hope to be writing for Genetics in several months, or b) as a contributed discussion (even if you are not able to attend in person) to my paper at the Cold Spring Harbor Symposium. You may also have something similar in mind. I've been struggling with our secretaries to try to have a skeleton pedigree form printed up; if this succeeds, I'll transcribe all of the accumulated data and send it on. I hope we can get a chance to see you this June, even if not at CSH. We expect to be driving, and will probably make a small tour, at least to Washington and Bethesda.

Sincerely,

Joshua Lederberg